

# LOG OF BORING

Project: Shoreline Protection/Marsh Creation at Lake Borgne  
DNR Contract No. 2503-03-15 PO-30  
For: State of Louisiana, Department of Natural Resources  
c/o Sigma Consulting Group, Inc.

Boring: 13  
File: 02-115  
Date: 17-Feb-03  
Technician: BT

Depth Feet	SAMPLES		N 29° 57' 7.91" W 89° 50' 43.74"	Boring Depth: 28 Feet
0		2 feet top of casing to top of barge deck		
		4 feet top of barge deck to water surface		
5		2 feet water surface to mudline		
		Very soft dark brown organic clay		
10		Very soft dark brown organic clay		
		Very soft dark brown peat		
15		Very soft brown peat		
		Very soft gray organic clay		
20		Very soft gray slightly organic clay		
		Very soft gray clay with organic matter traces		
25		Very soft gray slightly organic clay		
30				

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Project: Shoreline Protection/Marsh Creation at Lake Borgne

DNR Contract No. 2503-03-15 PO-30

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Boring: 14

File: 02-115

Date: 17-Feb-03

Technician: BT

[illegible]

**LOUIS J. CAPOZZOLI & ASSOCIATES, INC.**  
Geotechnical Engineers

# LOG OF BORING

Project: Shoreline Protection/Marsh Creation at Lake Borgne  
DNR Contract No. 2503-03-15 PO-30  
For: State of Louisiana, Department of Natural Resources  
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Boring: 15  
File: 02-115  
Date: 17-Feb-03  
Technician: BT

[illegible]

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# LOG OF BORING

Project: Shoreline Protection/Marsh Creation at Lake Borgne  
DNR Contract No. 2503-03-15 PO-30  
For: State of Louisiana, Department of Natural Resources  
c/o Sigma Consulting Group, Inc.

Boring: 16  
File: 02-115  
Date: 17-Feb-03  
Technician: BT

Depth Feet	SAMPLES	<div> <div>■</div> Undisturbed Sample <div>⊠</div> Standard Penetration Test <div>□</div> Classification Sample </div> <div>(SLS) Slickensided</div> <div> <div>N 29° 56' 49.56"</div> <div>W 89° 50' 25.38"</div> <div>Boring Depth: 28 Feet</div> </div>
0		2 feet top of casing to top of barge deck
		4 Feet top of barge deck to water surface
5		2 Feet water surface to mudline
10		Very soft black peat
		Very soft black peat
		Very soft brown peat
15		Very soft gray clay with organic matter traces
		Soft gray clay with silt streaks
20		Very soft gray slightly organic clay with shells
25		Very soft gray clay with 1" very silty clay layer
		Very soft gray clay with silty streaks
30		

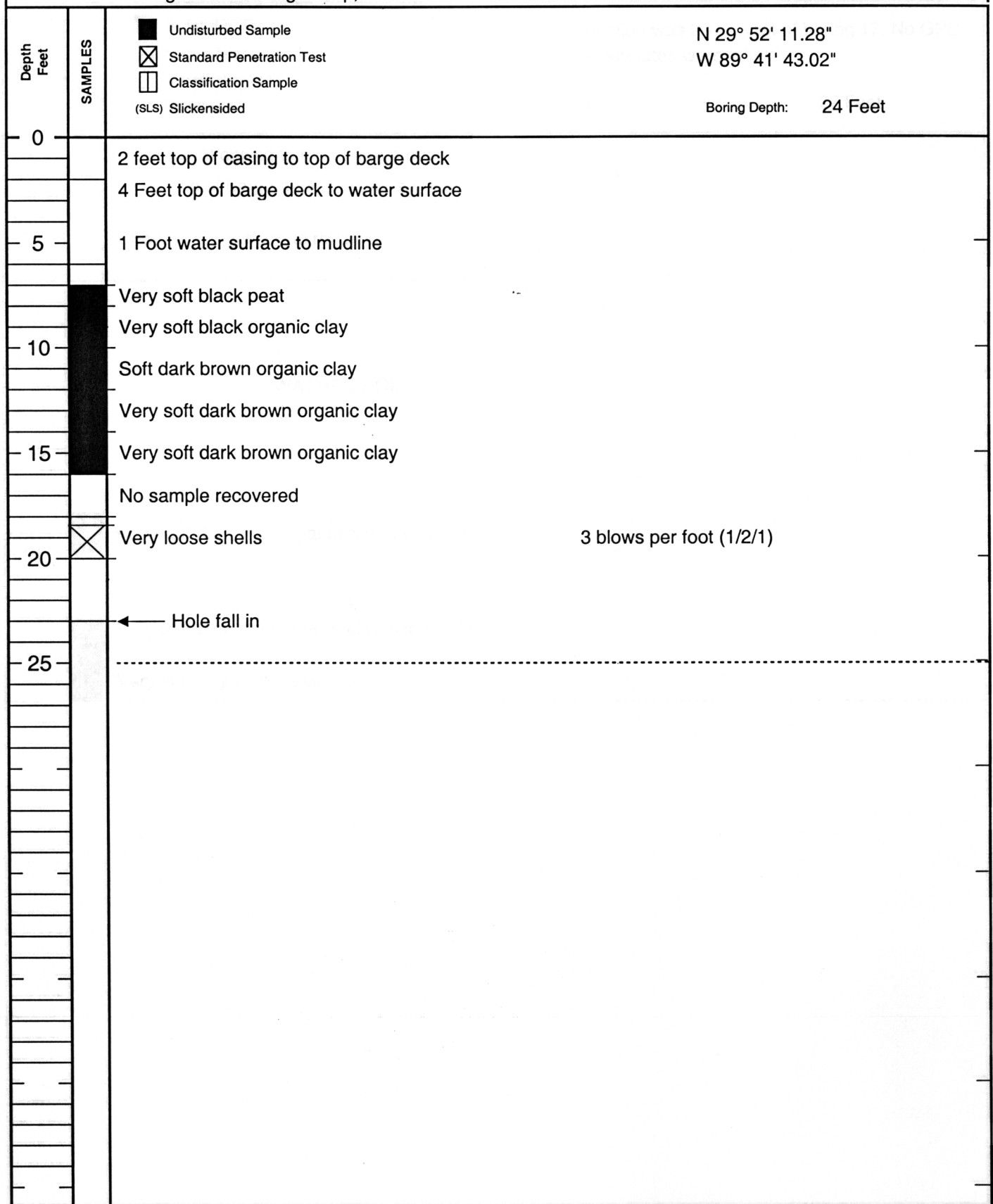
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# LOG OF BORING

Project: Shoreline Protection/Marsh Creation at Lake Borgne  
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Boring:	17
File:	02-115
Date:	18-Feb-03
Technician:	BT



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# LOG OF BORING

Project: Shoreline Protection/Marsh Creation at Lake Borgne  
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For: State of Louisiana, Department of Natural Resources  
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Boring: 17A  
File: 02-115  
Date: 18-Feb-03  
Technician: BT

Depth Feet	SAMPLES	<div> <div>■</div> Undisturbed Sample <div>⊗</div> Standard Penetration Test <div>▢</div> Classification Sample </div>		<div> <div>Location was 20 ft. west of boring 17. No GPS Coordinates were taken.</div> <div>Boring Depth: 27 Feet</div> </div>
		(SLS) Slickensided		
0		2 feet top of casing to top of barge deck		
		4 Feet top of barge deck to water surface		
5		1 Foot water surface to mudline		
10		WASHED HOLE		
15				
20				
20	■	Very soft dark gray organic clay with shells		
25	■	Very soft dark gray organic clay with shells		
25	■	Very soft slightly organic clay		

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For: State of Louisiana, Department of Natural Resources  
c/o Sigma Consulting Group, Inc.

Boring: 18  
File: 02-115  
Date: 18-Feb-03  
Technician: BT

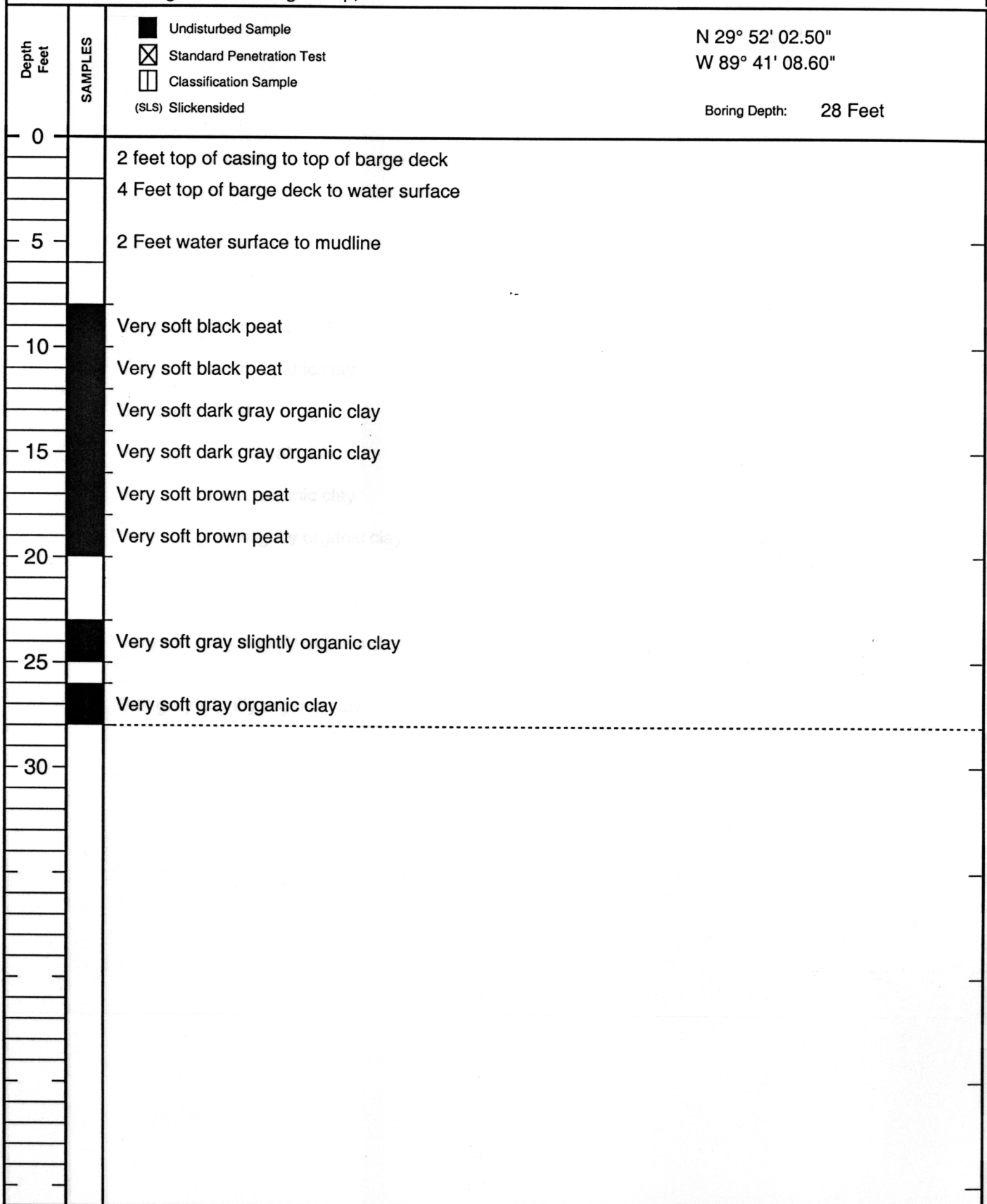
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Geotechnical Engineers

# LOG OF BORING

Project: Shoreline Protection/Marsh Creation at Lake Borgne  
DNR Contract No. 2503-03-15 PO-30  
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Boring: 19  
File: 02-115  
Date: 18-Feb-03  
Technician: BT



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Geotechnical Engineers

# LOG OF BORING

Boring: 21

File: 02-115

Date: 18-Feb-03

Technician: BT

Depth Feet		SAMPLES	<div> <div>■</div> Undisturbed Sample <div>⊠</div> Standard Penetration Test <div>□</div> Classification Sample </div> <div>(SLS) Slickensided</div> <div> <div>N 29° 58.98"</div> <div>W 89° 47.01"</div> <div>Boring Depth: 28 Feet</div> </div>
0			2 Feet top of casing to top of barge deck
			4 Feet top of barge deck to water surface
5			2 Feet water surface to mudline
10			Very soft black organic clay
			Very soft black peat
			Very soft brown peat
15			Very soft black organic clay
			Very soft black peat
20			Very soft gray slightly organic clay
25			Very soft gray slightly organic clay
			Very soft gray slightly organic clay
30			

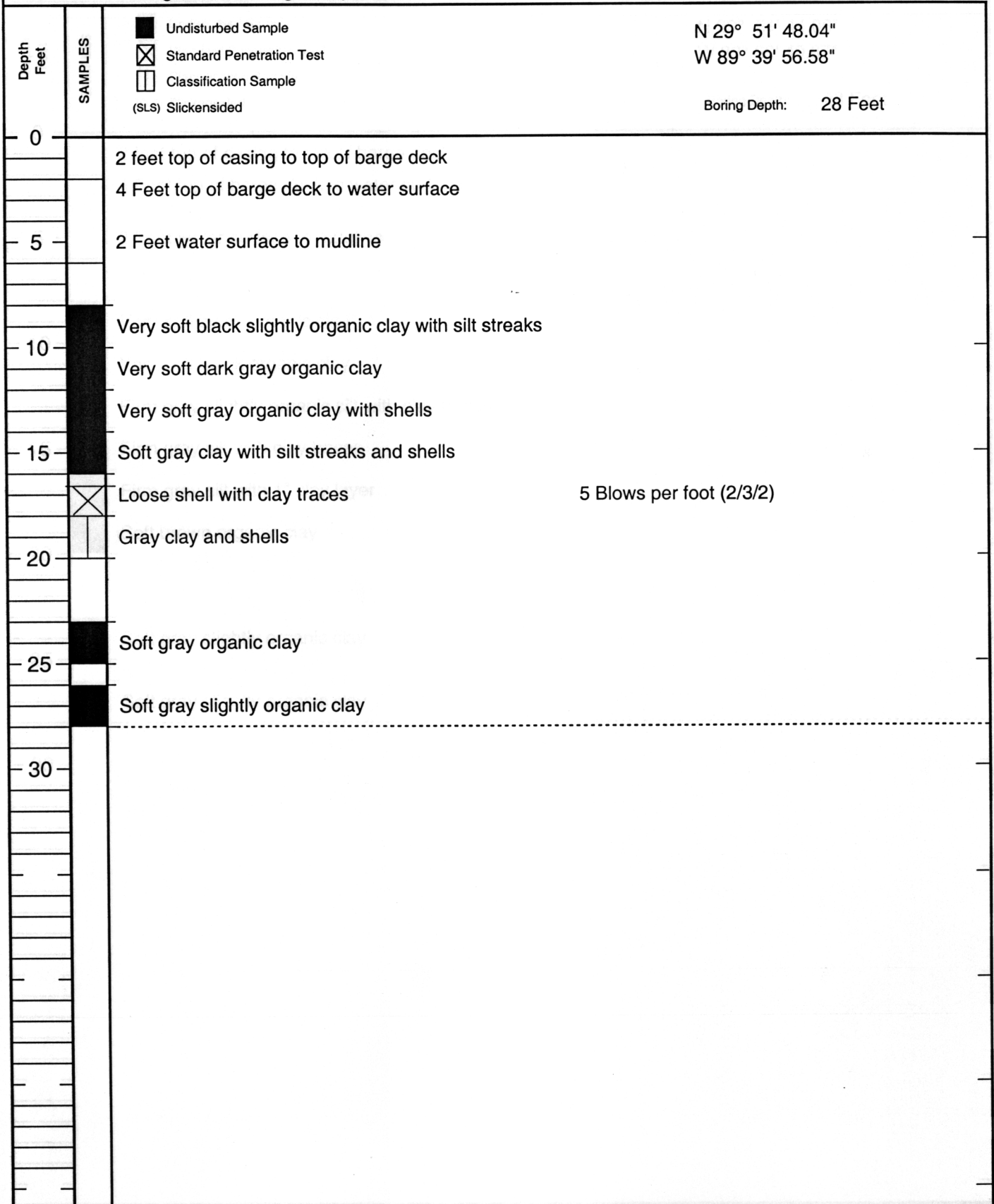
**LOUIS J. CAPOZZOLI & ASSOCIATES, INC.**

## Geotechnical Engineers

# LOG OF BORING

Project: Shoreline Protection/Marsh Creation at Lake Borgne  
DNR Contract No. 2503-03-15 PO-30  
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Boring:	22
File:	02-115
Date:	19-Feb-03
Technician:	BT



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# LOG OF BORING

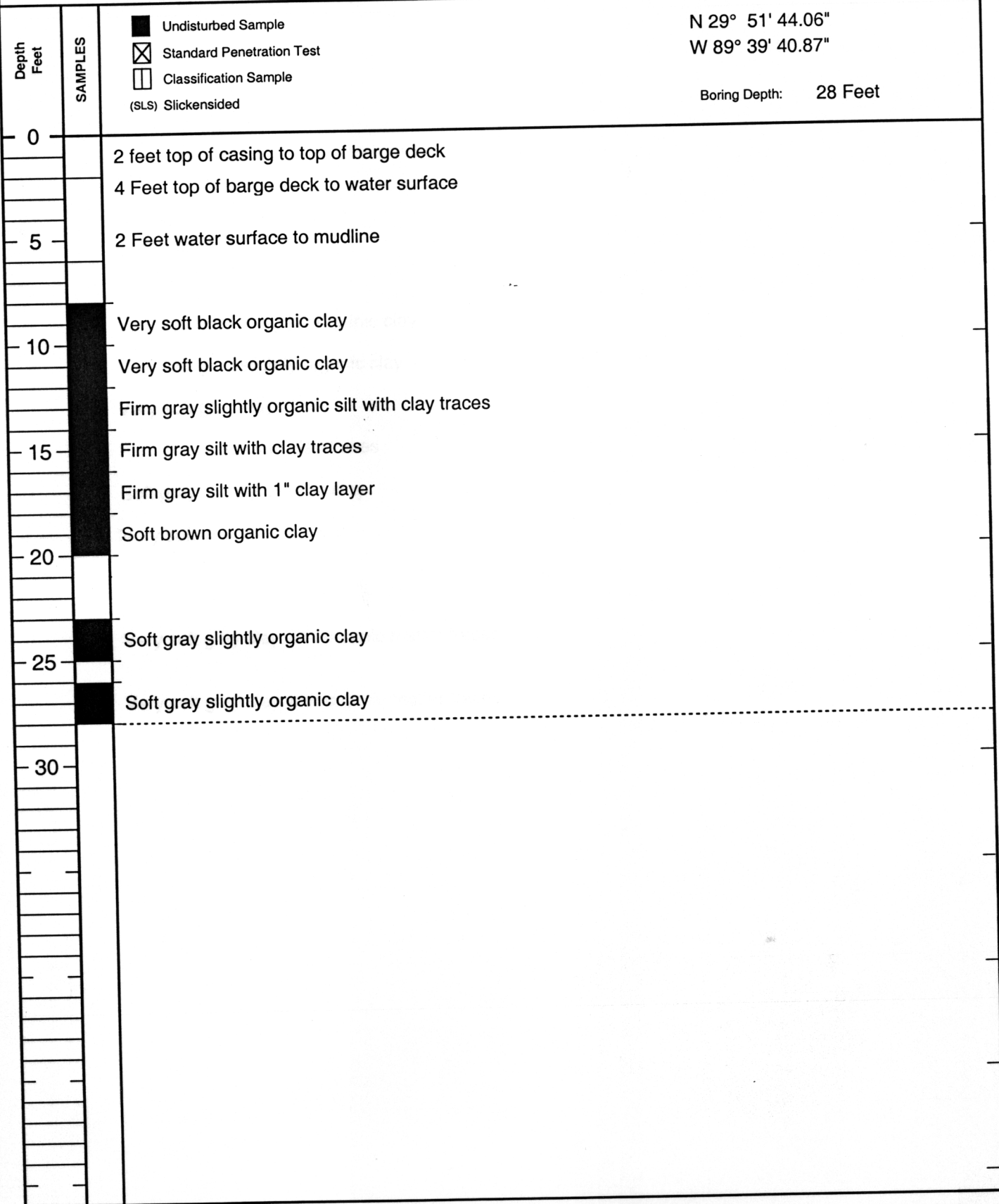
Project: Shoreline Protection/Marsh Creation at Lake Borgne  
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Boring: 23  
File: 02-115  
Date: 19-Feb-03  
Technician: BT

- ☐ Undisturbed Sample
- ☒ Standard Penetration Test
- ☐ Classification Sample
- (SLS) Slickensided

N 29° 51' 44.06"  
W 89° 39' 40.87"

Boring Depth: 28 Feet





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Boring: 24

File: 02-115

Date: 19-Feb-03

Technician: BT

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